

**Experiment Number:** 88006-02  
**Species/Strain:** Mouse/B6C3F1

**P43: Terminal Sacrifice Hematology Data**

**Date Report Requested:** 10/26/2014  
**Time Report Requested:** 06:20:22  
**First Dose M/F:** NA / NA  
**Lab:** NA

<b>C Number:</b>	C88006B
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Both

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First Dose M/F: NA / NA

Lab: NA

## MALE

Treatment Groups	Eosinophil Count	Eosinophil Percentage %	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Howell Jolly Pct Rbc %
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## Day 95

<b>0 ppm</b>	0 ± 0	1.4 ± 1.3	48 ± 1.5	48 ± 2	15.6 ± 0.4	0.2 ± 0.1
<b>75 ppm</b>	0 ± 0	1.3 ± 1.1	49.7 ± 0.7	49.1 ± 0.8	15.9 ± 0.2	0.1 ± 0.2
<b>150 ppm</b>	0 ± 0.1	0.9 ± 1.6	48.4 ± 1.1	48.7 ± 0.6	15.8 ± 0.4	0.1 ± 0.2
<b>300 ppm</b>	0.1 ± 0.1	1.8 ± 2.3	49.1 ± 1.3	48.5 ± 1.4	15.7 ± 0.5	0.1 ± 0.1
<b>600 ppm</b>	0 ± 0.1	1.4 ± 2.2	49.4 ± 1	48.8 ± 1.2	15.8 ± 0.3	0.1 ± 0.1
<b>1000 ppm</b>	0.1 ± 0.1	2.9 ± 2.3	48.3 ± 1	48.6 ± 0.8	15.7 ± 0.3	0.1 ± 0.1

\*p &lt; 0.05

\*\*p &lt; 0.01

NOTE: Table is to include results for each time point samples were analyzed. Similar table is to be included for hematology parameters.

The values used in the calculations are the observations taken at the furthest point in the study for each subject (the greatest number of "days on study"). The "day" displayed is the maximum value of "days on study" across all subjects.

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## MALE

Treatment Groups	Lymphocyte Count 1000 per uL	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL
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## Day 95

<b>0 ppm</b>	2.3 ± 0.5	85.5 ± 4.6	15.9 ± 0.3	32.5 ± 0.5	48.9 ± 0.6	0 ± 0
<b>75 ppm</b>	2.4 ± 0.7	86 ± 4.4	15.7 ± 0.4	31.9 ± 0.6	49.3 ± 0.8	0 ± 0
<b>150 ppm</b>	2.9 ± 0.9	85.8 ± 4.8	16 ± 0.2	32.5 ± 0.6	49.2 ± 0.6	0 ± 0
<b>300 ppm</b>	2.5 ± 0.7	85.4 ± 4.9	15.8 ± 0.3	32 ± 0.7	49.2 ± 0.9	0 ± 0
<b>600 ppm</b>	2.9 ± 0.9	86.2 ± 7.8	15.7 ± 0.2	31.9 ± 0.5	49.2 ± 0.4	0 ± 0
<b>1000 ppm</b>	2.5 ± 0.6	83.5 ± 6.4	16 ± 0.2	32.5 ± 0.4	49.2 ± 0.6	0 ± 0

\*p &lt; 0.05

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## MALE

Treatment Groups	Monocyte Percentage %	Nucleated Rbc Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL
<b>Day 95</b>						
<b>0 ppm</b>	0.4 ± 1	2.7 ± 0.6	20.4 ± 4.2	829.7 ± 33.6	9.8 ± 0.3	0.2 ± 0
<b>75 ppm</b>	0.1 ± 0.3	2.8 ± 0.9	18.2 ± 2.9	838.7 ± 54.2	10.1 ± 0.2	0.2 ± 0
<b>150 ppm</b>	0.2 ± 0.4	3.4 ± 1.1	16.6 ± 4.4	785.7 ± 32.7	9.8 ± 0.1	0.2 ± 0
<b>300 ppm</b>	0.2 ± 0.4	2.9 ± 0.8	16.1 ± 5.3	820.5 ± 51.7	9.9 ± 0.2	0.2 ± 0.1
<b>600 ppm</b>	0.1 ± 0.3	3.4 ± 0.9	16.4 ± 2.9	854.5 ± 54.5	10 ± 0.2	0.2 ± 0
<b>1000 ppm</b>	0.4 ± 0.7	3 ± 0.7	16.8 ± 4.2	917.5 ± 71.9	9.8 ± 0.2	0.2 ± 0

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MALE

Treatment Groups	Segmented Neutrophil Count 1000 per uL	Segmented Neutrophil Percentage %	White Blood Cell Count 1000 per uL
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Day 95

0 ppm	0.3 ± 0.1	12.7 ± 3.3	2.7 ± 0.6
75 ppm	0.4 ± 0.2	12.6 ± 4.3	2.8 ± 0.9
150 ppm	0.5 ± 0.2	13.1 ± 4.1	3.4 ± 1.1
300 ppm	0.4 ± 0.1	12.6 ± 3.7	2.9 ± 0.8
600 ppm	0.4 ± 0.2	12.3 ± 6.4	3.4 ± 0.9
1000 ppm	0.4 ± 0.2	13.2 ± 4.8	3 ± 0.7

\*p < 0.05

\*\*p < 0.01

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## FEMALE

Treatment Groups	Eosinophil Count	Eosinophil Percentage %	Hematocrit %	Hematocrit Manual %	Hemoglobin g per dL	Lymphocyte Count 1000 per uL
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## Day 95

<b>0 ppm</b>	0 ± 0	0.7 ± 0.7	50.8 ± 1.8	50.8 ± 2	16.4 ± 0.7	2.6 ± 1.3
<b>75 ppm</b>	0.1 ± 0.1	1.3 ± 1.3	52.5 ± 2.4	53.3 ± 2.3	16.9 ± 0.6	3.1 ± 0.8
<b>150 ppm</b>	0 ± 0	0.9 ± 1	51.8 ± 1.2	51.8 ± 1.2	16.6 ± 0.4	2.9 ± 1.2
<b>300 ppm</b>	0 ± 0.1	1.2 ± 1.4	50.3 ± 1.6	50.5 ± 1.8	16.1 ± 0.5	2.8 ± 1
<b>600 ppm</b>	0 ± 0	1 ± 1.1	49.7 ± 1.8	49.1 ± 1.9	15.8 ± 0.5	2.4 ± 0.7
<b>1000 ppm</b>	0 ± 0	1 ± 0.9	49.2 ± 1.4	49.2 ± 1.4	<b>15.7 ± 0.4*</b>	1.9 ± 0.7

\*p &lt; 0.05

\*\*p &lt; 0.01

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## FEMALE

Treatment Groups	Lymphocyte Percentage %	Mean Cell Hemoglobin pg	Mean Cell Hemoglobin Concentration g per dL	Mean Corpuscular Volume fL	Monocyte Count 1000 per uL	Monocyte Percentage %
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## Day 95

<b>0 ppm</b>	84.2 ± 3.8	16.1 ± 0.4	32.3 ± 0.7	49.9 ± 0.7	0.1 ± 0.1	1.9 ± 1.9
<b>75 ppm</b>	82.1 ± 7.2	16.1 ± 0.2	32.3 ± 0.5	50 ± 0.9	0.1 ± 0.1	1.7 ± 1.6
<b>150 ppm</b>	82.3 ± 7.2	16.1 ± 0.2	32.1 ± 0.3	50.3 ± 0.7	0.1 ± 0.1	2.5 ± 2.2
<b>300 ppm</b>	85.5 ± 4.8	16.1 ± 0.2	32.1 ± 0.3	50.1 ± 0.3	0.1 ± 0.1	1.4 ± 1.4
<b>600 ppm</b>	87 ± 3.6	16.1 ± 0.2	31.9 ± 0.6	50.7 ± 0.7	0.1 ± 0.1	1.8 ± 1.6
<b>1000 ppm</b>	85 ± 2.6	16.1 ± 0.3	31.9 ± 0.3	50.5 ± 0.9	0.1 ± 0	2 ± 1.7

\*p &lt; 0.05

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## FEMALE

Treatment Groups	Nucleated Rbc Count 1000 per uL	Nucleated Rbc Per 100 Wbc per 100 WC	Platelet Count 1000 per uL	Red Blood Cell Count million per uL	Reticulocyte Count million per uL	Segmented Neutrophil Count 1000 per uL
Day 95						
0 ppm	3.2 ± 1.6	22.1 ± 8.2	716.4 ± 134	10.2 ± 0.4	0.2 ± 0.1	0.4 ± 0.3
75 ppm	3.8 ± 0.9	19.4 ± 4.7	646 ± 79.7	10.5 ± 0.4	0.2 ± 0	0.6 ± 0.3
150 ppm	3.6 ± 1.5	17.2 ± 4.7	693.3 ± 84.1	10.3 ± 0.3	0.2 ± 0.1	0.5 ± 0.3
300 ppm	3.3 ± 1.2	18.6 ± 5.5	729 ± 66.6	10 ± 0.3	0.2 ± 0.1	0.4 ± 0.1
600 ppm	2.8 ± 0.8	18 ± 3.2	763.5 ± 74.3	9.8 ± 0.3	0.2 ± 0	0.3 ± 0.1
1000 ppm	2.2 ± 0.8	15.9 ± 5.9	<b>827.9 ± 84.5*</b>	<b>9.8 ± 0.3*</b>	0.2 ± 0.1	0.3 ± 0.1

\*p &lt; 0.05

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FEMALE

Treatment Groups	Segmented Neutrophil Percentage %	White Blood Cell Count 1000 per uL
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Day 95

0 ppm	13.2 ± 3.9	3.2 ± 1.6
75 ppm	14.9 ± 7.1	3.8 ± 0.9
150 ppm	14.3 ± 5.7	3.6 ± 1.5
300 ppm	11.9 ± 4.6	3.3 ± 1.2
600 ppm	10.2 ± 3.2	2.8 ± 0.8
1000 ppm	12 ± 2.3	2.2 ± 0.8

\*\* END OF REPORT \*\*

\*p < 0.05  
\*\*p < 0.01  
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